

10/585742

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JAP20 Rec'd PCT/PTO 12 JUL 2006

SEQUENCE LISTING

<110> TORAY INDUSTRIES, INC.

<110> E. I. DU PONT DE NEMOURS AND COMPANY

<120> SILK THREAD CONTAINING SPIDER SILK THREAD PROTEIN AND SILKWORM PRODUCING SAID  
SILK THREAD

<130> FP1085SUBARU

<150> JP 2004-005489

<151> 2004-01-13

<160> 12

<210> 1

<211> 101

<212> PRT

<213> Artificial Sequence

<400> 1

Ser Gln Gly Ala Gly Gln Gly Gly Tyr Gly Gly Leu Gly Ser Gln Gly  
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20 25 30  
Ala Ala Ala Gly Gly Ala Gly Gln Gly Gly Leu Gly Ser Gln Gly Ala  
35 40 45  
Gly Gln Gly Ala Gly Ala Ala Ala Ala Ala Gly Gly Ala Gly Gln  
50 55 60  
Gly Gly Tyr Gly Gly Leu Gly Ser Gln Gly Ala Gly Arg Gly Gly Gln  
65 70 75 80  
Gly Ala Gly Ala Ala Ala Ala Ala Gly Gly Ala Gly Gln Gly Gly  
85 90 95  
Tyr Gly Gly Leu Gly  
100 101

<210> 2

<211> 96

<212> PRT

<213> Artificial Sequence

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Ser Gly Gly Ala Gly Gly Ala Gly Gly Ser Gly Gly Ala Gly Gly Ala  
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20 25 30  
Gly Ala Gly Gly Ser Gly Pro Gly Gln Gln Gly Pro Gly Gly Tyr Gly  
35 40 45  
Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly  
50 55 60  
Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly  
65 70 75 80  
Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly  
85 90 95 96

<210> 3

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<212> PRT

<213> Bombyx mori

<400> 3  
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 20 25 30  
 Cys  
 33

<210> 4  
 <211> 35  
 <212> PRT  
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 20 25 30  
 Ser Asp Val  
 35

<210> 5  
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 <212> DNA  
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<210> 6  
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<210> 8  
 <211> 27  
 <212> DNA  
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 <400> 8  
 gaatgctacc tcgaggttat gaaaatg 27

<210> 9  
 <211> 33  
 <212> DNA  
 <213> Artificial Sequence  
 <400> 9  
 gctggatccc gcagttacga ctattctcggt cgt 33

<210> 10  
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cttggcgcc cacgacgtag acgtatagcc atcgg 35

<210> 11  
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<212> PRT  
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Arg Gly  
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<210> 12  
<211> 19  
<212> PRT  
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Gly Pro Ser  
19